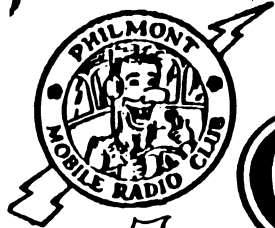
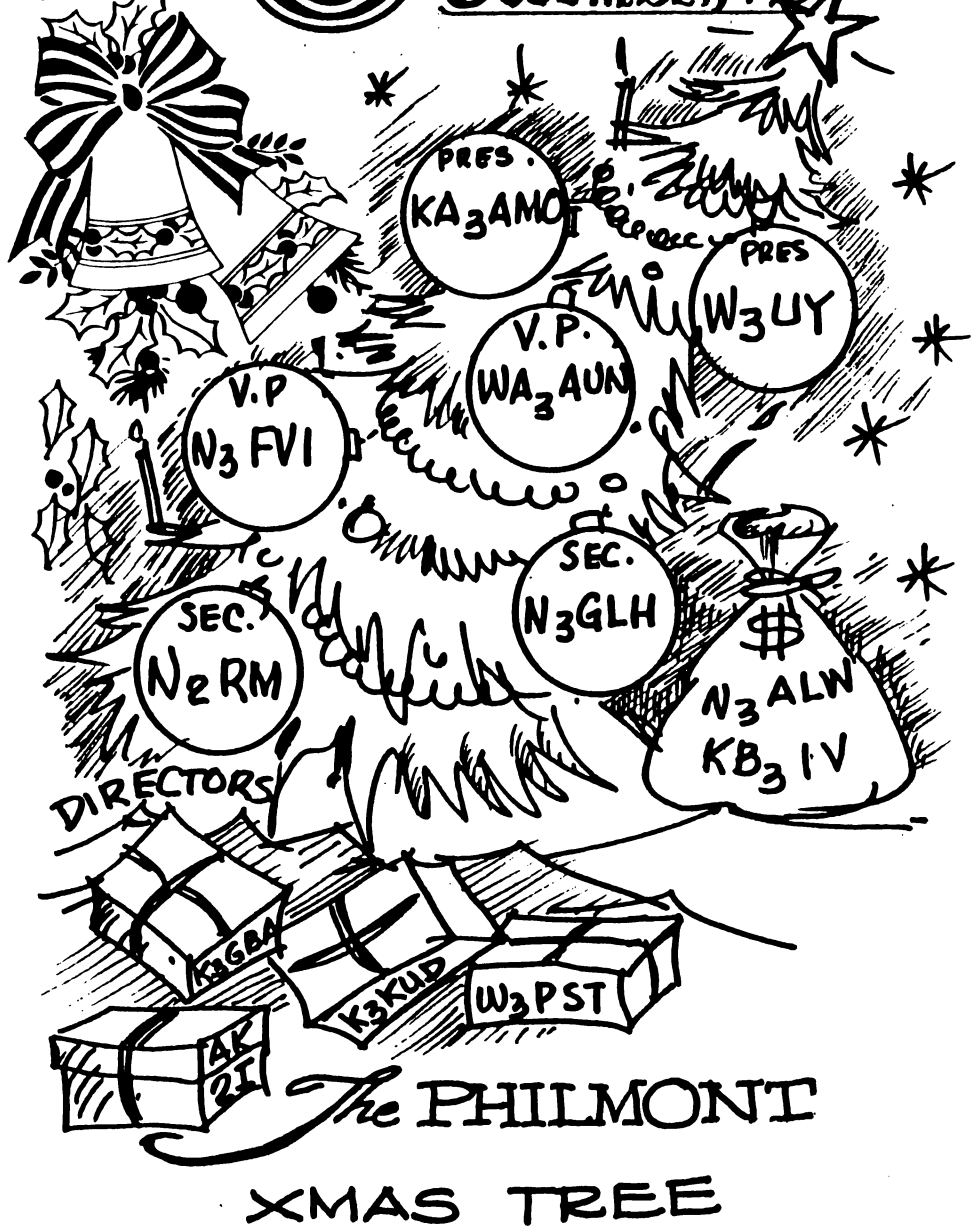


PHILMONT MOBILE RADIO CLUB  
W3RQZ•W3TKQ•W3QV



# BLURB

December 1989



## THE BLURB

*A Publication of*

THE PHIL-MONT MOBILE RADIO CLUB, Inc.  
2113 EDGEHILL DRIVE, FURLONG, PA 18925

### EXTRA!!! The BLURB EXTRA!!!

Jake Kovalchek is planning a return engagement on December 4th at the Franklin Institute! Club members are making plans to attend, and will be bringing family and friends. Come see what a Phil-Mont election used to be like.

BE THERE, you won't want to miss it!

FIRST CLASS MAIL

is published monthly by, and for, the members of The PHIL-MONT MOBILE RADIO CLUB, INC. whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. BLURB subscriptions are available to non-members for \$6.50 addressed to the Treasurer. The club meets at 8 PM on the first non-holiday Monday of every month at The Franklin Institute, 20th Street and the Benjamin Franklin Parkway, Philadelphia. Use the side entrance.

**ALL VISITORS ARE WELCOME!**

Amateur Radio License Examinations - every meeting night at 6:30 PM-SHARP!

**CLUB INFORMATION**

- 24 Hour Information Number at W3TKQ -

**(215) 448-1139**

Mailing Address: P.O. Box 88, Abington, PA 19001

**STATIONS**

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS

W3TKQ - The Franklin Institute, Philadelphia, PA - Trustee W3PWG

W3TKQ Operators: WA3AAL, Fred; N3ABS, John; K3TEF, Frank; KA3PJC, Jack; W3PWG, Rollie

ALL LICENSED AMATEURS ARE WELCOME TO OPERATE W3TKQ.

**OFFICERS**

PRESIDENT: W3UY, Larry Clifford, 1951 Furrey Drive, Blue Bell, PA 19422

VICE PRESIDENT: WA3AUN, Mark Ackerman, 821 Moredon Road, Meadowbrook, PA 19046

SECRETARY: N2RM, Rob Moore, 9U Rose Rita Terrace, Hammonton, NJ 08037

TREASURER: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095

**DIRECTORS**

W3BBB (90); K3GBA (A); K3GNM (89); W3IIM (A); W3IIN (A); K3KUD (89); W3LKI (90)

**COMMITTEES**

Archives:	W3IIN	DX:	WA3AUN	Repeater:	W3BBB
Awards:	K3KUD	Membership:	W3IIN	Special Events:	N3FV1
Banquet:	N3EBE	MO-COM 5:	N3DHI	TVI	WA3AUN
BLURB:	W3IIM	Net Control:	WB3CMM	VE Program:	ND3Q
Budget /Audit:	W3IIN	Program:	WA3AUN	W3TKQ:	W3PWG
Directory:	WB3KOJ	Publicity:	N3EAY	Welcome:	W3VVS
		Refreshments:	N3FV1		

**BLURB STAFF**

Editor: W3IIM, Jack Haring, 2113 Edgehill Drive, Furlong, PA 18925

(215) 794-7623

Artist: Sam Kuncevic

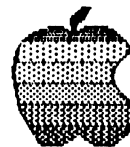
N3DHI, K3GBA, WB3KOJ

Assistant Editor/Typist: W3IIN

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Board of Directors' Meeting.

**NET SCHEDULE**

SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.400	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET
WEDNESDAY	20:30	147.030	MHz FM	SWAP NET

**APPLE BYTES****DECEMBER BIRTHDAYS**

02-DONALD GORDON - WB3KOJ

05-LEATHA LACHMAN (XYL W3UQ)

06-SUSAN LADA - N3FTY

08-ALBERT B. ROWLAND - W3JIL

09-R. LAFAYETTE BEAMON, JR. - W3BFM

-JAMES J. BOCK - K3PHC

10-ELSIE BARDSLEY (XYL K3OJA)

13-RAMONA B. DABAGIAN - KM3N

16-VIRGINIA A. MACRIE - KA2ZZA

21-CLINTON R. SPENCER, III - N3DHI

26-FREDWOOD S. SHAW - W3ADV

27-RACHEL KLABE (XYL WA2YDS)

-CLINTON R. SPENCER, Jr. - W3BBB

28-BETTY KING (XYL W3PXY)

29-SALVATORE VALENTE - NS3Y

30-FRANK H. LEWIS -N3DGU

31-RHEBA BOCK (XYL W3PHC)

**HELP PHIL-MONT**

ARE YOU PLANNING TO JOIN ARRL OR RENEW YOUR CURRENT MEMBERSHIP? HELP PHIL-MONT BY JOINING OR RENEWING THROUGH THE CLUB...CONTACT KB3IV FOR THE DETAILS.

**DIRECTORY UPDATE**

IT'S THAT TIME AGAIN! WITH THIS BLURB YOU RECEIVED YOUR 1990 DUES INVOICE AND DIRECTORY INFORMATION SHEET, PLEASE CHECK YOUR INFO AND RETURN TO KB3IV WITH YOUR DUES...YOUR EARLY REPLY WILL SPEED THE PUBLISHING OF THE 1990 DIRECTORY.

\*\*\*\*\*

HELP THE CLUB...PAY DUES EARLY

\*\*\*\*\*

....DE WB3KOJ

## MEMORY

JUST A LINE TO SAY I'M LIVING, THAT I'M NOT AMONG THE DEAD,  
THOUGH I'M GETTING MORE FORGETFUL, AND MIXED UP IN THE HEAD.

I GOT USED TO MY ARTHRITIS, TO MY DENTURES I'M RESIGNED,  
I CAN MANAGE MY BIFOCALS, BUT OH GOD, HOW I MISS MY MIND.

FOR SOMETIMES I CAN'T REMEMBER, WHEN I STAND AT THE FOOT OF THE STAIRS,  
IF I MUST GO UP FOR SOMETHING, OR IF I'VE JUST COME DOWN FROM THERE.

AND BEFORE THE REFRIGERATOR, SO OFTEN, MY POOR MIND IS FILLED WITH DOUBT,  
HAVE I JUST PUT FOOD AWAY OR HAVE I COME TO TAKE SOME OUT.

AND THERE ARE TIMES WHEN IT IS DARK, WITH MY NIGHTCAP ON MY HEAD,  
I DON'T KNOW IF I'M RETIRING OR JUST GETTING OUT OF BED.

SO IF IT'S MY TURN TO WRITE TO YOU, THERE'S NO NEED OF GETTING SORE,  
I MAY THINK THAT I HAVE WRITTEN, AND DON'T WANT TO BE A BORE.

SO REMEMBER PLEASE I DO LOVE YOU, AND I WISH THAT YOU WERE NEAR,  
BUT NOW IT'S NEARLY MAIL TIME, SO MUST SAY "GOOD-BYE DEAR."

THERE I STOOD BESIDE THE MAILBOX, WITH A FACE SO VERY RED,  
INSTEAD OF MAILING MY LETTER TO YOU, I HAD OPENED IT INSTEAD.

(A memorable moment from K3NYN's presentation at the 40th anniversary banquet.)

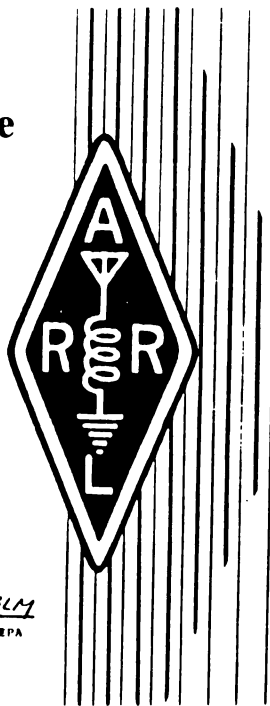
## The American Radio Relay League

awards this  
Certificate of Merit  
to

PHIL-MONT MOBILE RADIO CLUB

in recognition of your outstanding  
service to the Amateur Radio community  
with congratulations on your 40th anniversary!  
November, 1989

*Kay Craig KC3LM*  
Kay Craig KC3LM SM EPA



## The PREZ SEZ

Larry Clifford, W3UY

The participation, by the membership, in the discussion regarding the future of Mo-Com during the November General Meeting, was very encouraging. With the variety of views so freely expressed, the Board of Directors will now be able to discuss Mo-Com's future with a good grip of the membership's feelings.

Though a lively discussion will likely be had at the November Board of Directors' meeting, I do not expect that any final

decision will be cast-in-stone at that time. So if you still would like your views expressed, please get in touch with a board member.

We are now at the end of another year, and this is the time that many take inventory of the year's operations. We have had a good year for Phil-Mont. Let's hope that next year will be even better.

In closing, I wish you all a very happy holiday season, and a very good New Year.

## AH ----- I REMEMBER!

Anne Hecht, K3JQC

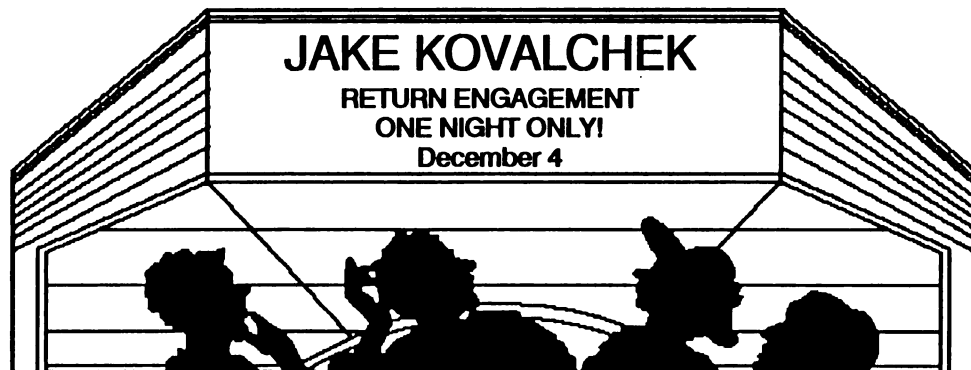
Seventh of a series of guest editorials by our former editors.

Only a woman would write an editorial remembering all the events of the times. My years with Phil-Mont were very full. Ah-- I remember them well!

- The first Phil-Mont Banquet and all those that followed.
- All the auctions that W3WNC conducted successfully.
- The code classes W3WNC taught at the Franklin Institute.
- The lovely field days at the farm with all the children running around.
- The picnics, the clambakes, the swim parties, the balloon chases, the transmitter hunts.
- The last-minute typing of the BLURB.
- All the enjoyable nights of BLURB-folding.
- Our silent keys that I knew so well - Joe Welsh, Dick Berens, John Tinaglia, Laurence LePage, Al Jorrett, and my Hy.

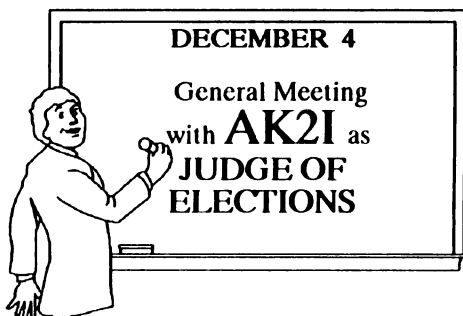
Phil-Mont, and all my Phil-Mont friends, will always be a part of me.

Anne, one of our honorary members, was *XYL* of Hy Hecht, W3WNC, and was editor of the *BLURB* from August 1969 through December 1970.



## \* UPDATE \*

## HAMFESTS



JULY 29 TIMONIUM, MD  
BRATS Hamfest & Computerfest  
(plan ahead)

Don't forget PHIL-MONT's  
very own "Hamfest" every  
Wednesday evening at 8:30 PM  
on our 147.03 repeater!

**AMATEUR LICENSE EXAMS  
HELD MONTHLY**

At  
**THE FRANKLIN INSTITUTE**  
For Information Call ND3Q at  
(215) 482-0386 or 879-0505

Dec 13 Directors' Meeting at  
KA3AMO & N3FTC's  
--- \* ---  
JAN 8 General Meeting  
Jan 17 Directors' Meeting  
at W3UY's

## V.E. TEST LOCATIONS

from EPA FEEDLINE & others

BELLMAWR, NJ  
Monthly, 3rd Thursday  
Bill Helmatag  
(609) 546-7710

CENTER CITY  
Dec 4, Jan 8  
Dusty Rhoads, ND3Q  
(215) 482-0386  
(215) 879-0505

PERKASIE  
Monthly, 3rd Monday  
Stu Silverstein, K3UEI  
(215) 584-0775

BRYN MAWR  
Feb 17  
Bob Haase, W3SA  
(215) 293-1919

LEVITTOWN  
Dec 7  
Dave Heller, K3TX  
(215) 946-1040

HATBORO  
Tom Michaud, WA3TQJ  
(215) 343-3494

## ANNUAL AWARDS ANNOUNCED

**LeRoy S. Hauser  
Memorial Award**

**Phil-Monter of the Year**

**Dick Moll, W3RM**

**Woody Haldeman, W3PST**

the 14th recipient of this award, for his  
long-term contribution to the club as edi-  
tor of the BLURB for 130 monthly issues,  
more than any other editor in the 40 year  
history of this venerable publication.

for his ongoing devotion to the club, its VE  
program, the weekly code practice net, and  
just for always being there when needed.  
It's been said that he is the personification  
of Brad Martin, W3QV. We're certain  
that both men would be pleased by the  
comparison.

## REPEATER ETIQUETTE 101

As bad weather approaches, repeater users should remember to leave  
nice long pauses, during drive-time ragchews, so others can call for help,  
if necessary.

Transmissions should be kept short.

Never ignore a breaking station while you finish your oration on non-  
resonant rhombics; it could be an emergency call.

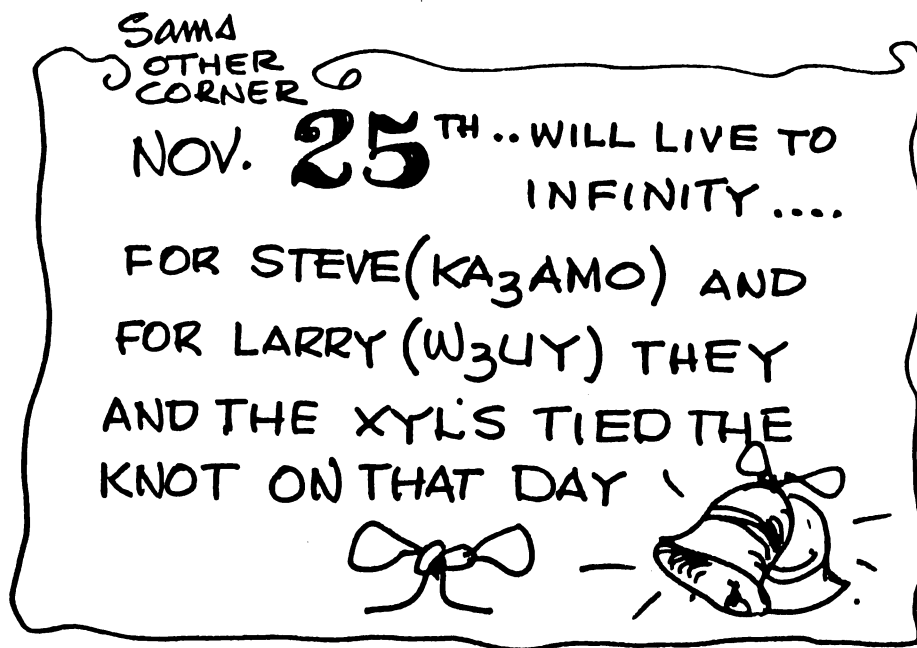
Don't be a repeater dominator (one who, after safely arriving home  
through ice and snow, then proceeds to tie-up the repeater while others  
are still trying to achieve the same success).

Those who (and I'll name them if necessary) totally ignore the "courtesy  
tone" before transmitting, should try, 'extra hard', to be more courteous  
to those who are trying to break-in. It can be very angering to be  
unsuccessful in breaking-in after repeated attempts, solely because the  
conversing parties are inconsiderate.

Perhaps the following rule says it all: *If you don't hear the courtesy tone,  
either the repeater needs repair, or your operating procedure does.* -Ed

HAM RADIO BEYOND FUN MUST GET DOWN TO WRITING AND THE NEW PRESIDENT CAN DRAFT A COMMITTEE (MAYBE THE BOARD) TO PUT IT TOGETHER AND THEN GET TOGETHER WITH ANY OUTSIDE INTERESTED PARTIES FOR THE BEST COMPROMISE. WE WILL NEED A GOOD NEGOTIATOR LIKE RAY OR JOHN (SILENT KEYS) BLESS THEM. WE NEED TO DECIDE IF A MO-COM FACILITY IS NECESSARY - WE HAVE TO SOLVE ONE PROBLEM AT A TIME. MASS PROBLEMS - MASS CONFUSION. THEN DECIDE HOW TO SOLVE THE PEOPLE SUPPORT PROBLEM - A COMMON MALADY IN ANY CLUB OR GROUP VENTURE AS BETSY, HOWARD, KITTY, GIL, AND OTHERS CAN TESTIFY. GROUP INTERESTS COME AND GO AND REPLACED BY OTHERS. JAKE SURE SPONSORED SOME GOOD CLUB PROJECTS WHICH WILL NO DOUBT WEAR OUT IN TIME. SO HAS MARK, AUN. EVERY VENTURE MUST HAVE A SPARK PLUG AND THE SPARKS WE HAVE ARE DIMMING ON MO-COM. WE DO NEED INPUTS ON ARRL POLICY, PA EMERGENCY MANAGEMENT POLICY, FROM INTERESTED COUNTIES - TOWNSHIPS AND MOST IMPORTANTLY - WHAT IS THE FUTURE FOCUS OF PMRC? FROM 5 CHARTER MEMBERS 40 YEARS AGO TO 140 STRONG DOWN TO 60 MEMBERS AND BACK UP TO 125 - SOMETHING IS GOING ON WHAT IS IT? HOW ABOUT A "NEW MEMBER" COMMITTEE - PROBABLY NOT FOR REAL BUT CERTAINLY NECESSARY TO POLL THE INCOMING MEMBERS - WHY TO THEY JOIN? IN TALKING WITH BRAD AT THE MO-COM SHOWING - HE JOINED THE CLUB FOR REASON OF THE PROFESSIONAL ASSOCIATION OF ALL THE MEMBERS. AN INTERESTING VIEW - WHAT ELSE? JJ - THAT'S SHORT OF JINNEY AND JACK WILL SURE WELCOME YOUR VIEWS STARTING RIGHT HERE.

(Reproduced as received. This editor never edits 'PXY's articles, they're unique unto themselves. -Ed)



## MINUTES

## NOVEMBER GENERAL MEETING

W3UY called the meeting to order at 8:15 PM. N2RM read the minutes of the October 1989 Mid Month meeting which were approved as read. KB3IV read his Treasurer's report, and said he received two ARRL renewals. He also encouraged club members to give Blood because it is in short supply, and to give money through the Red Cross because of Hurricane Hugo and also the California Earthquake.

N3GLH introduced the visitors who were N3DSM, Vikye Hopkinson, Carolyn Popovic, and NS3Z.

W3IIM asked for anything for the BLURB to be received by the Banquet, and he wants a profile of club nominees.

W3AA wants to discuss a new 10 meter net frequency at mid month.

The club will be receiving a tax ID number courtesy of the efforts of W3RM.

BANQUET: KA3BET feels the response has been disappointing, only 50 to 60, but believes those attending will have an enjoyable time.

SPECIAL EVENTS: N3FVI said the Thanksgiving Parade is coming up. ARRL has again recognized Phil-Mont as a Special Service Club.

AWARDS: Bob, K3KUD says he's done at the Banquet.

W3TKQ: Rolly says he has gotten back the low band transmitter, so he's again

able to transmit. W3AA and W3RM brought in ham license plates for the 'TKQ exhibit. W3RM also contributed an oscilloscope.

VE: Dusty reported 18 elements given with 11 passed.

NOMINATING COMMITTEE: The nominating committee met on October 11 at the home of KA3BET. He, and the other members of the nominating committee including N3DHI, Chairman, and W3RM, N3EAY and K3GNM, nominated members as follows:

President: KA3AMO, W3UY

Vice President: WA3AUN, N3FVI

Secretary: N3GLH, N2RM

Treasurer: N3ALW, KB3IV

Board of Directors: K3GBA, AK2I, K3KUD, W3PST

The program for the evening dealt with giving a background and thoughts on Mo-Com, its purpose, and what if anything to do with it. Speakers included W3IIM, on its history, and N3DHI and W3BBB regarding its current activities. There was a large number of ideas presented by the membership.

Meeting was adjourned at 9:56 PM

Respectfully Submitted;  
Robert R. Moore, N2RM, Secretary

## ANONYMOUS DONOR WRITES NAME IN PHIL-MONT LOG

The lucky attendees of the 40th anniversary banquet received specially made ball point pens commemorating the event. The pens were engraved as follows:

\* 1989 \* 40TH ANNIVERSARY \* 1989 \*  
PHIL-MONT MOBILE RADIO CLUB, INC.  
W3RQZ W3QV W3TKQ

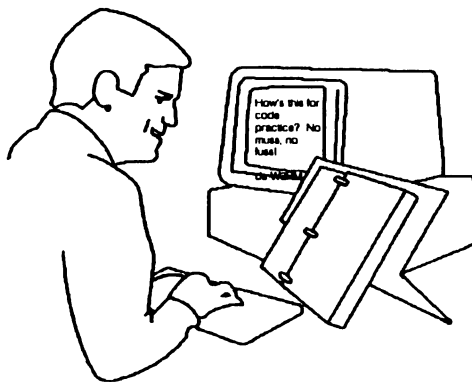
# Packet Racket

Kevin, WB2EMS

*What's a TNC, and why would I want one?*

Packet Radio is a form of integrated digital communications based on the 8 bit ASCII code and a protocol derived from computer networking and adapted for amateur needs. It depends on Terminal Node Controllers, which have the rules of the protocol built into their programming, to handle the operation of the stations. The TNCs at each end of a "connection" manage all the housekeeping operations at each station to allow the QSO to take place under the rules embodied in the protocol. These include identification, control of the transmitter, packaging the data, error checking and "handshaking" between the stations. But to the user the interface is as simple as "I type it in here and it comes out over there!"

Operations on packet radio are considerably different than for most of the other modes of amateur operation. There are few QSOs in the way that we are used to having them, real-time interactive chats, although these certainly do take place, and by using digipeating, they are possible far beyond normal repeater range. But most packet operation occurs between individual stations and Bulletin Board Stations (BBS) where information is "posted" for other users who will log on at different times. Packet radio is the answering machine of ham radio! The thing that packet does superbly is disseminate information. You can log onto a BBS and get the latest propagation forecasts, news about amateur radio, WIAW bulletins, legislative information affecting amateur radio, scan an immense list of information offered or requested, and pick up or drop off NTS traffic. You can also upload and download computer files or exchange them with other hams directly. Packet offers greater range than normal repeaters, error free exchanges



of information (no it won't fix your typos), unattended operations, and automated channel sharing. The worldwide network of amateur packet stations is linked by a growing semiautomated packet mail network.

There are a lot of new terms involved in packet operations so maybe I will start off by demystifying as many as I can.

**PACKET:** A string of bytes sent by a packet radio station. The bytes are arranged according to the AX.25 protocol, and include **FLAGS** to get the receiving station unspooled and synchronized; **ADDRESS** blocks with the **DESTINATION**, **SOURCE** and list of **DIGIPEATERS** if any; **CONTROL** information, which tells the TNCs involved who's doing what to whom; up to 256 bytes of **INFORMATION** - the stuff you are trying to get to show up on the other guy's screen goes here; and finally a **CRC** number for error checking. It's a lot, but a typical packet gets sent in a 6 second burst at 1200 bps.

**TNC:** A combination modem and microcomputer that goes between the terminal and the radio and makes the whole system work. The TNC contains a 1200 bps modem that converts the digital data

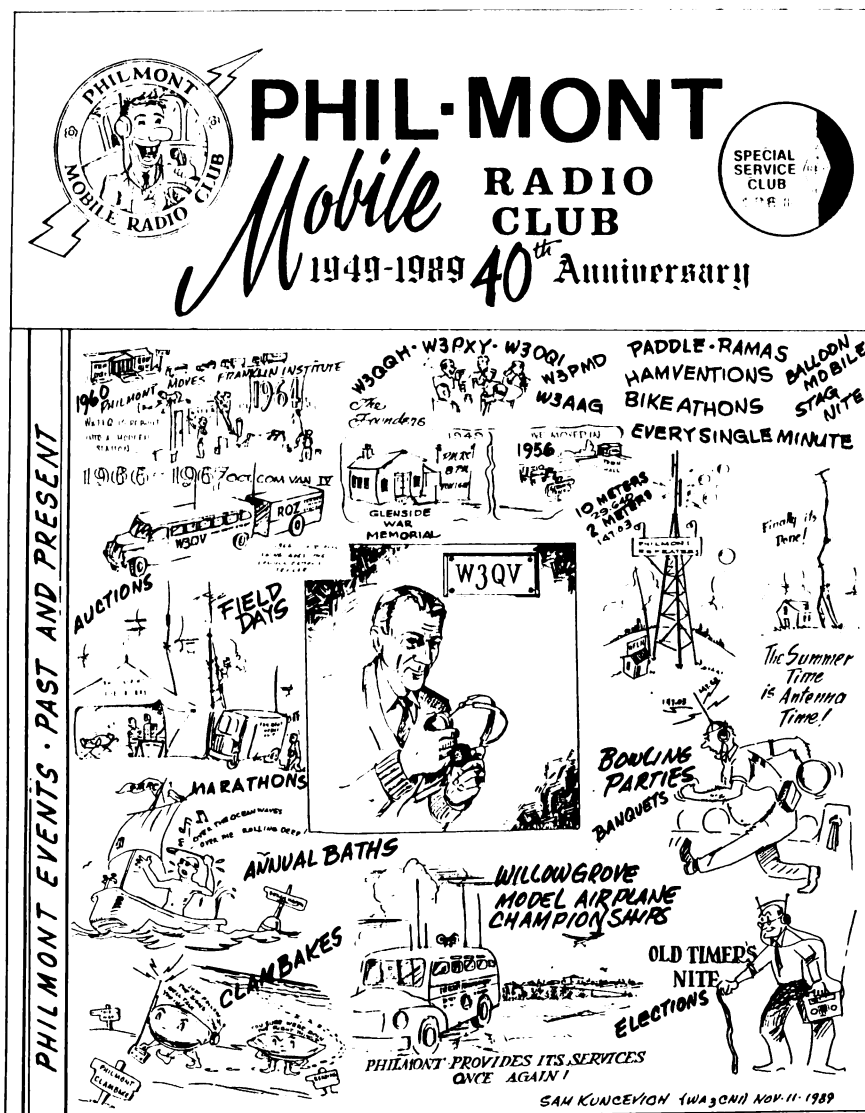
# MIXED CONFUSION

George King, W3PXY

MO-COM OR NO - THAT IS THE QUESTION? AFTER LISTENING TO ALL THE SIDES AT THE LAST MEETING, IT COMES DOWN TO ONE THING - PEOPLE - AND THE SPENCERS ARE WEARING OUT ALSO KNOWN AS OLD AGE ALSO KNOWN AS BURN OUT. NOBODY IS OLDER THAN CLINTON. ALL THE DEBATE SHOWED GOOD AND USEFUL ARGUMENTS. THE REASON FOR HAM RADIO BACKUP IN AN EMERGENCY IS FAST DIMINISHING OR GONE? IF WE HAD ANOTHER LOCAL DISASTER LIKE THE '55 FLOOD WOULD THE COMMUNICATIONS BACKUP WITH A MOBILE UNIT BE USEFUL? THE DEBATE IS NO - THERE ARE ALL KINDS OF PROFESSIONAL OPERATIONS - ALL POLICE, EMERGENCY MANAGEMENT, DOT, RADIO, CB, CELLULAR TELEPHONE ETC THAT CAN DO THE JOB. THE MIRT TEAM (MAJOR INCIDENT RESPONSE TEAM) SYSTEM IN CALIFORNIA INTEGRATES 12 AGENCIES. THE SAME HAS BEEN INTRODUCED TO PA AND IT IS GETTING HIGH LEVEL ATTENTION BUT WILL TAKE PERHAPS 5 YEARS TO GET UNDERWAY DUE TO FUNDS RESTRICTIONS. BY LAW ALL COUNTIES HAVE TO COME UP WITH AN EMERGENCY MANAGEMENT PLAN. ALL LOCAL COUNTIES, SO I AM TOLD BY EMS, HAVE SOME MOBILE COMM FACILITY OF SOME SORT EXCEPT BUCKS WHO HAS EXPRESSED INTEREST IN THE VEHICLE, WITH OR WITHOUT THE RADIOS. A WRITTEN DISVESTURE PROPOSAL IS NEEDED TO GET RID OF THE MO-COM IF WE DON'T HAVE THE PEOPLE OR THE INTEREST TO SUPPORT IT. ONE PLAN IS TO CUT CLEAN AND DON'T CARE WHAT HAPPENS TO IT. ANOTHER PLAN IS TO SHARE FACILITIES - WITH OPERATING POSITIONS - ONE FOR HAM RADIO - EACH UNDER LOCK AND KEY BY EACH RESPONSIBLE AGENCY AND PERSON. IF NOT NEEDED FOR THE PARTICULAR EMERGENCY THEN NOT MANNED UP BY THAT AGENCY. ALTERNATELY, SO WE CUT CLEAN FORGET IT - DON'T GET INTO ANOTHER FLOOD, HURRICANE DISASTER - LET OTHERS DO THE MOBILE BIT AND WE ORGANIZE AROUND REPEATERS - ALREADY DONE. WHAT DOES THE ARRL HAVE TO SAY ABOUT EMS - DO THEY HAVE A PLAN? THE MIRT PLAN WHICH WILL EVENTUALLY COME TO PA. IN SOME COHESIVE FORM WILL INTEGRATE MANY AGENCIES - WILL AMATEUR RADIO BE ONE OF THEM? BY DEFAULT - NO. WE HAVE A CHANCE TO SPEAK UP. 30 YEARS AGO ALL THERE WAS WERE HAMS TO FILL A LOCAL COMM GAP. NOW THERE ARE MANY SOPHISTICATED SYSTEMS OUT THERE BUT CLEARLY REGARDLESS OF THE OVERALL SYSTEM, REDUNDANCY IS NEEDED. WE CAN CUT CLEAN, GET OUT OF THE EMERGENCY BIZ, LET OTHERS DO IT. TAKE OUT THE GEAR AND HAVE IT AVAILABLE WHEN NEEDED AND TRANSPORT IT IN A TRUCK - AND YOU KNOW WHOS TRUCK SO WE WILL HAVE DONE THE FULL CIRCLE BACK TO 40 YEARS AGO. DUST WILL GATHER ON THE EQUIPMENT STORED IN THE GARAGE - OBSOLESCENCE GUARENTEED. LEAVE THE PUBLIC RELATIONS UP TO ARRL? DO THE ACTIVITIES ON REPEATERS - HOPFULLY THOSE WILL HAVE AUTOMATIC EMERGENCY POWER - NOT ALL DO. TAKE THE MONEY IF ANY AND PUT IT TO BETTER USE? WHAT USE? - DEFINE IT AND YOU DEFINE THE FUTURE GOALS OF PMRC. LETS CHANGE THE NAME TO PRC - GET RID OF "MOBILE" - NOT SIGNIFICANT ANY MORE. SO WHATS THE ANSWER? IS THERE ONE? THE MO-COM COMMITTEE DOESN'T WANT OUTSIDE FACTORS TO INFLUENCE THE DECISION? ABSOLUTELY RIDICULOUS! SINCE WHEN CAN ANYONE LIVE IN ISOLATION THESE DAYS. I DID 100 MILES NORTH OF THE NORTH POLE BUT NOT FOR LONG. WE LIVE IN A WORLD OF NEGOTIATIONS. THE PLAN MUST BE A PLAN - WRITTEN AND SUBJECT TO MODIFICATION. WHATEVER THE MOTIVES THAT EXIST FOR

## COMMEMORATIVE POSTER AVAILABLE

Thanks to the efforts of our marvelous artist-in-residence, the BLURB committee is making a specially designed, 40th Anniversary, commemorative poster available to all past and present members. Measuring 16" x 20", and printed on heavy glossy stock, it is suitable for framing, and will look great in your shack! It was given to all members attending the banquet, on the 11th of November, and will be available to all other members at the December general meeting. Those members who would like a copy, but are unable to attend the meeting, may obtain a copy by sending \$2.50 (postage and handling) to PMRC at the BLURB address.



to tones that can be sent and received over the radio. The TNC also has its own microprocessor on board that takes care of all the nitty gritty details of the packet protocol. These tasks include assembling packets for transmission, disassembling them when received, handling screen display, asking for repeats when the CRC numbers don't agree, keeping the order of the data received straight (don't print packet 6 until after you get the repeat on packet 5 that you missed...) running the PTT line, and telling the operator what's going on. ("The BBS you're talking to went out to lunch. Can you hold till Monday?") There are also "software TNCs", programs that use a host computer to do all the tasks handled by the TNC and having only a simple one chip modem between the computer and the radio.

**DIGIPEATER: DIGItal rePEATER.** By including a list of packet stations in the address information, your packets can be retransmitted bucket brigade style from one station to the next until they get to your destination. Since the data is digital there is no degradation with each repeat. The AX.25 protocol allows up to 8 digipeaters between source and destination stations, but channel sharing and collisions make 2-3 digipeaters a more realistic number to use. Digipeaters often have a secondary identification or "alias" to make remembering them easier.

Tnx HILLTOPPER

## WANTED: HAM EQUIPMENT AND OTHER PROPERTY

The Radio Club of Junior High School 22 NYC, Inc. is a nonprofit organization, granted 501(C)(3) status by the IRS, incorporated with the goal of using the theme of Ham Radio to further and enhance the education of young people nationwide. Your property donation or financial support would be greatly appreciated and ac-

## SOLAR CYCLE 22 READY TO PEAK

During September, the solar flux went on a "rollercoaster ride" peaking at 305 twice in three days, then dipping to 155 - but even this was high enough for good propagation on most HF bands. Conditions should improve during October, with the best days of the fall season expected to arrive in November.

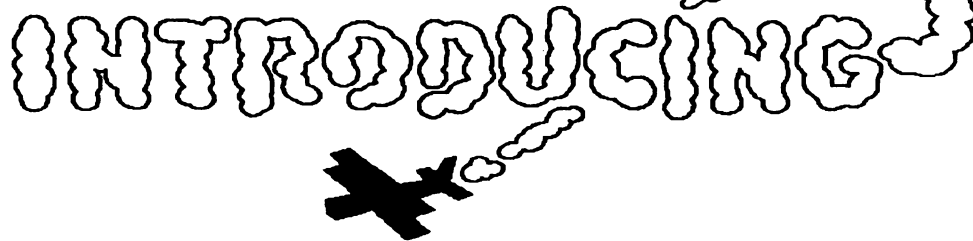
The latest solar and geomagnetic field data is transmitted at 18 minutes past the hour by WWV in Boulder, Colorado. The same information is transmitted by WWVH in Hawaii, at 45 minutes past the hour. The K index is revised every three hours. A K figure of 3 or more indicates poor propagation or even complete loss of communication on high latitude paths. Transequatorial propagation is not usually affected and may even improve under high K conditions.

Even the lowest solar flux readings for the next year or so should be high enough for good work on most HF bands. The next year or so should also provide ample opportunities for DX work on 50 MHz.

Tnx ARRL LETTER

knowledge with a receipt for your tax deductible contribution. Do it, don't wait till the end of the year, make your decision to donate that equipment now. We depend on you. Please write us at: P.O. Box 1052, New York, NY 10002. 'Round the clock hotline: 516-674-4072. Thank you!

Tnx WORLD RADIO & BRATS



## FOR PRESIDENT

### STEVE HOCH - KA3AMO

This is something new for me to write my own bio for the BLURB's election issue. Oh well, here goes!

I've been a member of Phil-Mont for about 6 or 7 years. I am active on two meters and HF voice, hold a General Class license, and am 35 years old.

By the time you all read this I will be on my honeymoon (with N3FTC -Ed). I am employed by Septa as an operator of the Market Frankford Subway Elevated, and am currently stationed on night work with Tuesdays and Wednesdays off.

As for the election, I did not have the stomach to watch a grown man (member of the nominating committee) beg and cry, so, with a large amount of arm twisting, I conceded to run for President. As you can probably guess by now, I am the largest supporter for the re-election of Larry Clifford, W3UY, to his second term as President of this fine club. I follow in the footsteps of some infamous Phil-Monters as I am not running for office but running from office.

### LARRY CLIFFORD - W3UY

My past experience includes:

- PRESIDENT: Phil-Mont Mobile Radio Club; Gary, Indiana, Amateur Radio Club; The USS Olympia Radio Club; Archbishop Kennedy High School Boosters Assoc. (3 years).
- SECRETARY: Lake County, Indiana, Amateur Radio Club; Plymouth Township, PA., Little League (9 years)
- TREASURER: Phil-Mont Mobile Radio Club.

I've been a licensed amateur radio operator since 1953, and hold a General Telephone License (First Class Commercial Phone) since 1973.

During my next term as President of Phil-Mont, if reelected, my aim will be to foster the growth of Phil-Mont, and to encourage newer members to participate in the administration and activities of the club.

Your vote will be appreciated.

### AMATEUR RADIO "NEWSLINE"

"Newsline" is a ten minute audio report covering a variety of amateur related subjects. Many HF, VHF, and UHF nets transmit these weekly reports. If you are unable to hear Newsline on the air, it is available by dialing 312-289-0423 (Illinois)

or 213-462-0008 (California). The report is usually updated on Fridays.

Additional information about "Newsline" may be obtained by writing to Norman Chalfin, K6PGX, PO Box 463, Pasadena, CA 91102

### OLD EQUIPMENT?

A good source of manuals for old equipment is Hi-Inc., P.O. Box 864, 1601 Ave. D, Council Bluffs, IA 51501. They carry manuals for most National, Hallicrafter, Hamerlund, or other pieces of equipment. - David Knepper, W3BJZ; AM Press/Exchange, Woodlawn, TN.

(Yes, Paul, there is a Santa Claus! -Ed)

box. I picked it up. I shook it. It rattled and was much heavier than neckties.

Hastily I tore off the ribbon and ripped at the paper wrapper and -- OH BOY! guess what! out came a 100 watt, 115 volt AC, American Beauty soldering iron!

Merry Christmas to all!

Yes W3IIN (Virginia), there is a Santa Claus!

### INTERFERENCE RESOLUTION

A 30 minute video on "Interference Resolution" has been produced by the Baltimore office of the FCC. The video is intended to provide the public with steps on how to resolve interference they may be experiencing to TVs, stereos, computers, telephones, VCRs, and other home entertainment equipment.

The tape is a panel discussion with representatives from the FCC, BG/E, C/P, REACT, BRATS, WBGR, United Cable TV, Radio Shack, and others. The discussion was moderated by Sally Brown, representative from the Electronics Industries Association. Copies of the video have been distributed to TV and Cable companies throughout Maryland, Delaware, Virginia, West Virginia and D.C.

The FCC receives thousands of interference complaints each year. Many of the complaints registered could be avoided if the complainant were aware of self-help methods to resolve the interference they may be receiving. The video is designed to provide the public with methods that will help them resolve their own problems. It is also designed to give complainants a better understanding of their problem(s), and the organizations to contact.

For further information, contact Marlene Jackson at the Baltimore Office of FCC, 1017 Fallon Federal Building, 31 Hopkins Plaza, Baltimore, MD. 301-962-4130.

### ARRL OFFERS NEW PUBLICATION

"Antenna Impedance Matching", written by Wilfred N. Caron, is now available from ARRL HQ. This 200-page hardcover book shows how to properly match an antenna to the feed line to minimize losses. Even if you have no special expertise, the book will show you how to use the Smith Chart to develop even the most complex matching network.

"Antenna Impedance Matching" can be purchased for \$15.00 per copy. Please add \$2.50 (\$3.50 UPS) shipping and handling. For quantities of 3 or more, please contact Lisa Tardette at ARRL HQ for shipping costs.

### ENGINE RATING GOES METRIC

As of September 1, marine engine manufacturers now rate engine power output by an international standard that uses kilowatts (kw) instead of horsepower, according to the National Marine Manufacturers Association. Ratings will be measured at the propeller shaft instead of at the crankshaft.

A Kilowatt is equivalent to 1.34 hp. The standard will apply to outboards, inboards, and sterndrives. The International Congress of Marine Industry Associations established the new standard so that consumers would have an easier time comparing brands directly.



*from the desk of  
the world's greatest restorer of National radio equipment,*

During the late '20s, and before the big depression, most home-built radio construction was done in the evenings on the kitchen table. One of the reasons for this phenomenon was the need to heat a soldering copper, and the kitchen gas stove was a likely heat source. Some fellows, who had a workshop in the basement near the laundry area, could use the gas hot plate (normally used to heat water in the wash boiler) to heat their soldering copper.

My father introduced me to the soldering copper. It was a large piece of solid copper bar stock about one inch square and three inches long. The copper bar came to a point on one end and a long rod extended from the other end. A wooden handle on the end of the rod enabled me to hold the copper, once heated on the gas burner, to try to solder wire to a radio part.

I used to use soldering flux with my solder, but the joints would always corrode in time by chemical action, and would develop high-resistance joints. My father obtained for me some "new" solder which had the flux (resin core) inside the solder. This solder was called "Kester Radio Solder" and came in a roll which was stored in a little round tin box when not in use.

My mother frequently objected to my soldering coppers on her kitchen stove, and I had to be very careful not to mess up the kitchen floor or to ruin the table top. Besides, the smell of resin flux, mixed with the smell of hot waxy paraffin from the insulated bell wire, didn't set too well either, as the odors would permeate her kitchen.

Sometimes, rather than solder the bell wire, I would twist the bare wire ends together or, using a small bolt or nut, just bolt the wire ends to one another for a connection.

My Uncle Henry and I shared the same birth date, August 30th. Uncle Henry owned a Men's Clothing Store in a nearby city, and he was always good for two neckties a year - one on my birthday and a second tie for Christmas.

I was about of the age when I suspected that there might not be a Santa Claus; moreover, when Christmas drew near, I was on the fence about whether or not there really was a Santa. I went along with the season's spirit of giving and receiving gifts however, and on the night before Christmas I set out, near the Christmas tree, a plate of cookies and a glass of milk for Santa to eat when he came to our house. I went to bed that night a "doubter".

When I awoke Christmas morning, I ran down stairs to the living room. There were many presents wrapped and placed around the base of the tree. My father was trying to get the series-string of colored lights to illuminate the tree by substituting a "known good" bulb in each socket in turn. Finally the defective bulb was located and the tree was aglow.

Hey! The milk and cookies were gone! Nothing but a few crumbs remaining on the plate and the glass of milk was empty!

We each started to open our presents. I got the usual kid stuff; sox, knickers, shirt, underwear (BVDs), bath robe, slippers, and, before I forget, Uncle Henry sent me a necktie.

All packages were unwrapped, and a pile of pretty wrapping paper littered the floor. But wait a moment, there was a box sticking out from under the wrapping papers - I must have missed that one - an unopened box! I looked at the small red and green label, it said: "To Paul from Santa"!

The box was a little longer than a necktie box, it was as wide as a necktie box, but it was three times as thick as a necktie

MARK ACKERMAN - WA3AUN

BILL POPOVIC - N3FVI

Age: 41. I've been an amateur radio operator since 1964, when I first entered the hobby as a teenager at the Novice class entry level. I'm presently interested in HF, and particularly digital control of HF equipment through remote means. I've been a member of Phil-Mont for the last 4 to 5 years and am currently completing the office of Vice President.

I have 3 children, who someday, I hope, will get their amateur radio licenses.

### RADIO MALAISE draws the ear of the Federal Communications Commission

AM radio, which has been losing listeners to FM channels since the 1970s, approaches the 1990s with a diminished voice. But it may have a good listener in Washington; the FCC plans to hear a day of testimony, on Nov. 16, on the plight of AM radio. The commission believes that improving AM service would broaden listening selections and increase options for advertisers. The issues are also thought to be important to the FCC's new chairman, Alfred Sikes, a former AM broadcaster in his native Missouri.

The FM radio band, considered technically superior because it can carry stereo broadcasts, has cornered the airwaves for delivering music. AM stereo remains largely undeveloped because it lacks a uniform delivery system. The National Association of Broadcasters in June adopted an agenda for revitalizing AM radio that includes, among other things, pursuing further FCC action on selecting an AM stereo standard, and seeking a law requiring all stereo receivers to include AM stereo.

*Tnx Wall Street Journal*

I'm 35 years old, married, have 3 daughters. Carolyn, 11; Annamarie, 5; and Amelia, 1 year old.

I've been licensed 3 years and hold the advanced class. I enjoy all aspects of amateur radio, and hope to help preserve it for future generations.

I was born and raised in Philadelphia, and worked as an auto mechanic until joining the police department in 1973. I spent 10 years in uniform and the last 6 years doing technical surveillances.

My daughter, Carolyn, recently got her novice license at the November VE session, so I hope to start a ham tradition in the family.

I'm active in the IPA - International Police Association - net every Sunday on 15 meters. I speak German, too, so I enjoy contacts with Germany to keep in practice.

My time is a little constrained, so if I don't make the office this year, I'll be trying again in future years, as I look forward to being active in the club for years to come.



*Just act casual and try to remember  
which buttons you pushed."*

## FOR SECRETARY

BRAD SWANSON - N3GLH

Who is 'GLH? Brad Swanson is N3GLH.

Although I have only been a member for a short while, I already know many of you. I live about 5 miles from the repeater, and work for National Guardian Security, holding the position of service manager, responsible for four states. This is why I can be found, so frequently, on the radio during the day.

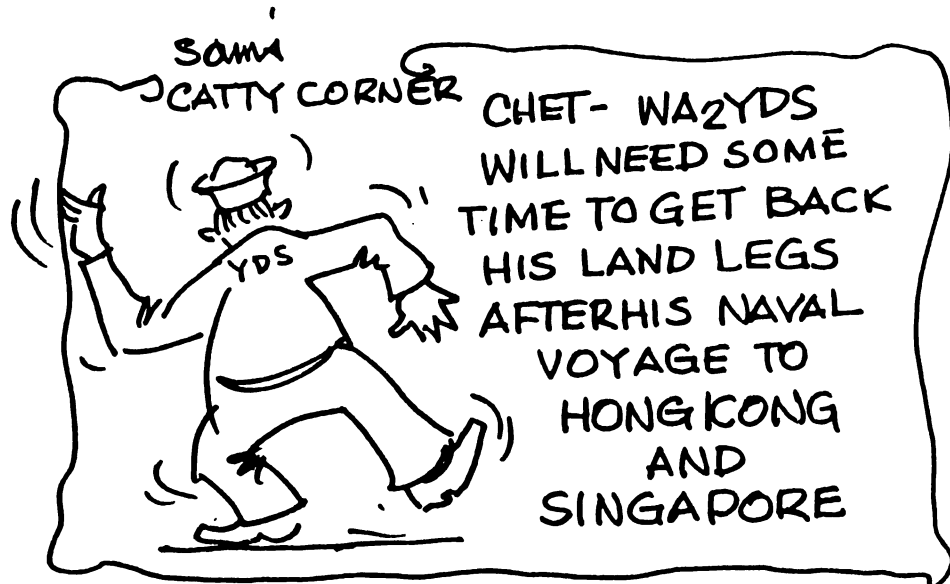
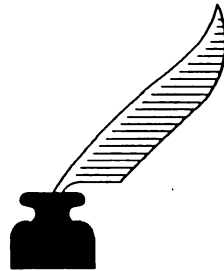
Since I joined Phil-Mont, about a year and a half ago, I have become an operator of Mo-Com, part of the repeater committee, and I am a control operator. I attend the general and mid-month meetings, where I enjoy the sharing of club ideas. I also enjoy helping other Hams with their equipment, either updating or repairing.

As a young, enthusiastic Phil-Monter, I feel that I will be able to serve you well as the secretary of the club.

ROB MOORE - N2RM

I am employed as a Financial Analyst for US Dept. of Commerce. Licensed since 1960, I have participated in Phil-Mont activities since the early 1960s, and have been a member since the mid 1970s.

My main activities, in Ham Radio, are working on antennas, DX, and participating in DX contests. N2RM is the current US record holder in the CQ World Wide DX Contest - Multi Single Category. I'm also an active member of the Frankford Radio Club.



## FOR DIRECTOR

BOB SCHMILEWSKE - K3KUD

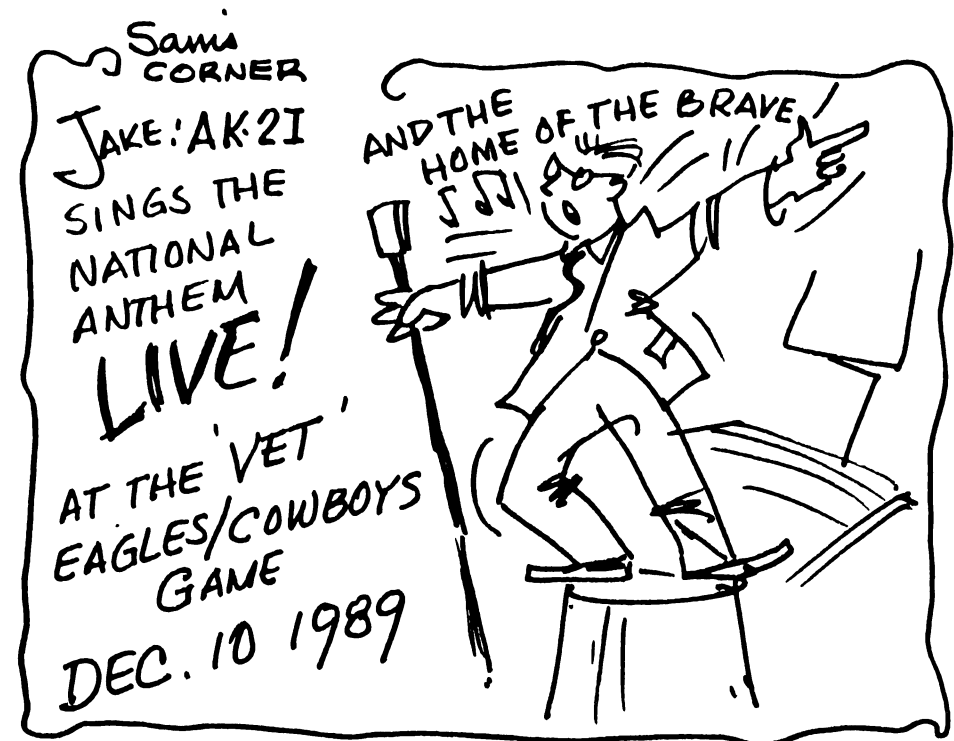
WOODY HALDEMAN - W3PST

I've been a Phil-Monter for 28 years, and was editor of the BLURB for 9 years. I have been named Phil-Monter of the Year twice, and have received the Leroy Hauser Award.

As during several past terms as a Director, I'm interested in helping to insure the continued success of Phil-Mont as a mobile Public Service Club, while staying abreast of the latest technical advances in Ham Radio.

Some people, especially the nominating committee, will resort to many means, fair and foul, to get some members out to the meetings - all of the meetings. So for director, vote for Woody, W3PST. Why? Let me count the ways.... well, so much for levity.

But on a serious note, I have nothing new to submit. I've been a continuous member, of sorts, since the late 50s, assisted in many areas of club activities, but most of them have been associated with the BLURB, from stamp-licker to editor. Now, you can't start much lower and end up higher. So for director we'll give it a go!



## FOR DIRECTOR

## SAM SMITH - K3GBA

I was a World War II Naval Radio operator and communications manager (Chief Petty Officer) for 7 and one half years. During 1958, I secured a General Ticket (no Novice), and, some months later, became a member of Phil-Mont MRC. I've served a term as elected secretary of Phil-Mont, several terms as director, and am currently serving as a director. Over the years I also served on a number of committees, and was sole net control station on 10 meters (29.493 Hz) for a number of years, logging most Phil-Monters, and many DX stations regularly every Sunday at 10AM local time. I'm also active on 160 meters to 10 meters, and of course 2 meters.

Should I be reelected to the position of director, I would continue to promote the advancement and best interests of the Phil-Mont MRC membership.

LET'S APPRECIATE  
AND COMMUNICATE!

Isn't it true so many times, when we enjoy a special social event, we anticipate getting there, enjoying being with friends and meeting XYs, and we don't give too much thought to how it all came about? We enjoy the pleasant ambiance, the program, the food and music - and when the evening goes so pleasantly, as our 40th banquet, we love it.

This morning, sharing our feelings about the perfection of the evening, we want to embrace and thank Betsy, N3EBE and Jinny, W3IIN, who did the planning and implementation of our warm and wonderful celebration. Here are accolades to two very special ladies; many thanks to them, and to all who contributed to our super 40th!

Mim and Ben, W3LKI

## JAKE KOVALCHEK - AK2I

Breathes there the voter, with soul so dead, who hasn't looked at the winners and softly said, "What have I done?"

As AK2I, previously KB2BA, and even before that WB2LEU, I was fortunate enough, during the reign of your President Jim Rodgers, W3AWG, to con him into the President's Award in Phil-Mont for 1979, and again fortunate enough to win the Phil-Monter of the Year Award for 1981, the Leroy Hauser Award for 1985 and the Phil-Monter of the Year Award for 1986.

Phil-Mont needed a shot in the arm, so I came up with the "Personalized CW Training" session, now heard on Phil-Mont, and kept alive by W3RM. I can't remember when I started that net, but it's at least 6 years old. I also started the Bulletin and Information Session which was on 2 meters for several years.

I'm now officially retired, and am an Assistant Director of the S.P.E.B.Q.S.A. international organization - the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America - in the Cherry Hill chapter.

Let me leave you with this thought: I never knew I needed glasses until this Election Day. I went into the polling place, closed the curtain, pulled the lever, then heard a sound I never heard before in a voting booth - flushing!

AMATEUR LICENSE EXAMS  
HELD MONTHLY

At

THE FRANKLIN INSTITUTE  
For Information Call ND3Q at  
(215) 482-0386 or 879-0505

## FOR TREASURER

## JACK SPRATT - N3ALW

Age 54 years: Advanced Class Amateur License

I'm active in Army MARS, and enjoy computer hacking and assisting W3RM with the Code Practice Net when time permits.

I'm married with two children. My wife's name is Claire. I retired from the Philadelphia Mounted Police in 1985, and currently am involved in Real Estate sales as an Associate Broker.

I'm actively seeking office in Phil-Mont, this time for the office of Treasurer (again). My past accomplishments include:

- Trustee and Vice President of the Philadelphia Lodge #5 F.O.P.
- Secretary of both the Police Pension Fund and Police Widows Pension Fund.
- President of the Home Association of the Knights of Columbus Council #3933
- Membership in several professional organizations.

"The most important thing for all Phil-Mont members to do, no matter who they vote for, is to show their interest in Phil-Mont, and support the club by casting their vote on election night...hopefully though, they will be voting for JACK SPRATT - N3ALW FOR TREASURER!"

## ED MASARSKY - KB3IV

Former "CBER", and member in good standing of "The Dirty Dozen", I'm the current treasurer of Phil-Mont. A Ham radio license holder since 1978, I joined Phil-Mont in 1980, and have served as club officer 8 times. (Second only to W3BBB/QQH, 10 times)

Treasurer 1982, 1983

President 1984, 1985

Treasurer 1986, 1987, 1988, 1989

An authorized operator of Mo-Com; I participate in all Phil-Mont activities and meetings.

Wait a minute! Jack wanted me to write an article about myself for the BLURB. I'm not a writer, but give me a microphone and you can't stop me, as most of you know by listening to "03". I enjoy the club and its members, and would like to continue being a vital part of Phil-Mont. Please come to the December 4 meeting, and show your support of our club by casting your ballot for all the fine candidates. Be sure to mark KB3IV for Treasurer.

Thank you, Ed. (thank you too, -Ed)

NEW MEMBER  
APPLICATION

## N3DSM

CALL:	William A. Biermann
NAME:	Bill
HANDLE:	Advanced
CLASS:	504 Penllyn Place
ADDRESS:	Penllyn, PA 19422
HOME PHONE:	(215) 641-1508
OCCUPATION:	Physician
BUSINESS PHONE:	(215) 920-6039

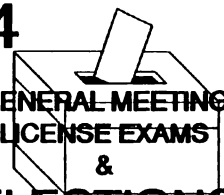
## CLUB INFORMATION

24 Hour Information Number at  
W3TKQ  
(215) 448-1139

1989

# DECEMBER

1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>3</b> 2M NCS N3FVI 10M NCS ANYONE 75M NCS W3PWG	<b>4</b>  GENERAL MEETING LICENSE EXAMS & ELECTIONS	<b>5</b> CODE PRACTICE NET at 8 PM	<b>6</b> SWAP NET at 8:30 PM	<b>7</b>  <i>Pearl Harbor 1941</i>	<b>8</b>  1	<b>9</b>  <i>Don Gordon's Birthday</i> 2
<b>10</b> 2M NCS W3AWG 10M NCS ANYONE 75M NCS W3AOA  <i>AK2I sings at the 'Vet'</i>	<b>11</b>	<b>12</b> CODE PRACTICE NET at 8 PM	<b>13</b> SWAP NET at 8:30 PM <hr/> DIRECTORS' MEETING at KA3AMO & N3FTC's	<b>14</b>	<b>15</b>  <i>Bill of Rights Day</i>	<b>16</b>
<b>17</b> 2M NCS KA3AMO 10M NCS ANYONE 75M NCS W3RCE <i>Wright Brothers' Flight 1903</i>	<b>18</b>	<b>19</b> CODE PRACTICE NET at 8 PM	<b>20</b> SWAP NET at 8:30 PM	<b>21</b>  <i>Winter Solstice Pilgrims Landed 1620</i>	<b>22</b>	<b>23</b>  <i>Chanukah</i>
<b>24</b> 2M NCS KB3IV 10M NCS ANYONE 75M NCS AK2I	<b>25</b>  <i>Christmas</i>	<b>26</b> CODE PRACTICE NET at 8 PM	<b>27</b> SWAP NET at 8:30 PM	<b>28</b>  <i>Woodrow Wilson's Birthday 1856</i>	<b>29</b>	<b>30</b>
<b>31</b> 2M NCS KA3BET 10M NCS ANYONE 75M NCS W3HFY						